



## DoD Numbers for Traumatic Brain Injury Worldwide – Totals

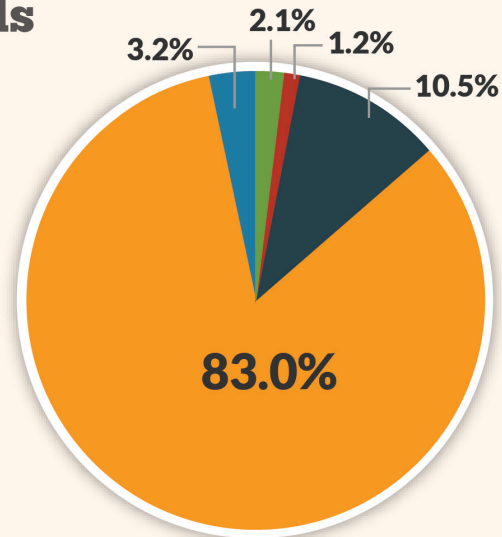
2005

Penetrating	322
Severe	190
Moderate	1,629
Mild	12,894
Not Classifiable	494

**Total - All Severities** 15,529

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



2005, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.



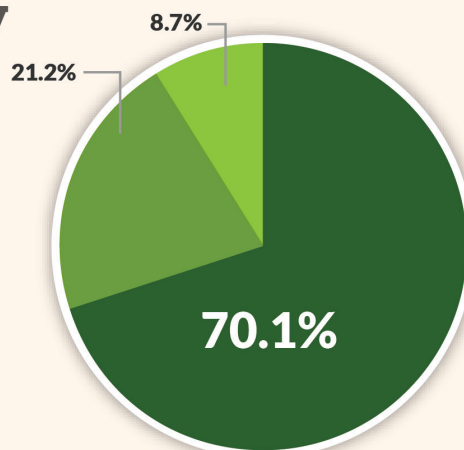
## DoD Numbers for Traumatic Brain Injury Worldwide – Army

2005

Active	5,304
Guard	1,600
Reserve	658

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**Total - Army** **7,562**



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2005, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	108
		Severe	79
		Moderate	543
		Mild	4,365
		Not Classifiable	209
	Guard	Penetrating	56
		Severe	19
		Moderate	172
		Mild	1308
		Not Classifiable	45
	Reserve	Penetrating	9
		Severe	5
		Moderate	70
		Mild	559
		Not Classifiable	15

2005 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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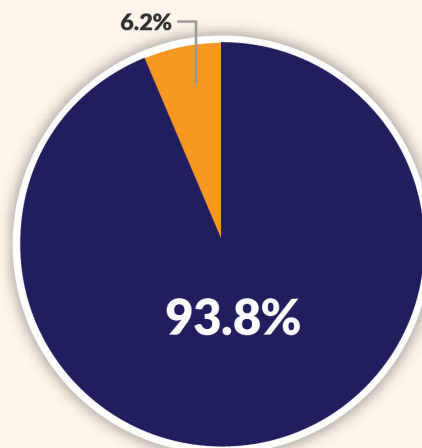
## DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2005

Active	2,680
Reserve	176

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<b>Total - Navy</b>	<b>2,856</b>
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2005, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	47
		Severe	29
		Moderate	323
		Mild	2,222
		Not Classifiable	59
	Reserve	Penetrating	3
		Severe	2
		Moderate	15
		Mild	153
		Not Classifiable	3

2005 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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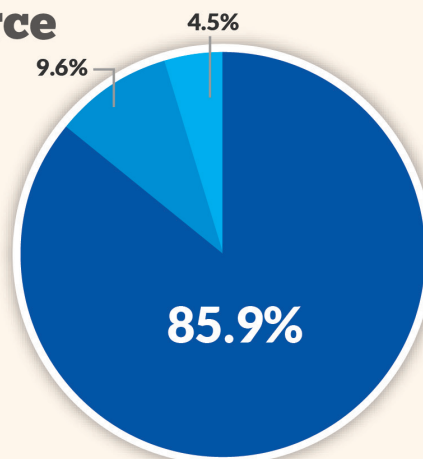
## DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2005

Active	2,281
Guard	254
Reserve	120

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**Total - Air Force** **2,655**



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2005, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	37
		Severe	24
		Moderate	197
		Mild	1,959
		Not Classifiable	64
	Guard	Penetrating	-
		Severe	1
		Moderate	24
		Mild	221
		Not Classifiable	8
	Reserve	Penetrating	-
		Severe	1
		Moderate	12
		Mild	101
		Not Classifiable	6

2005 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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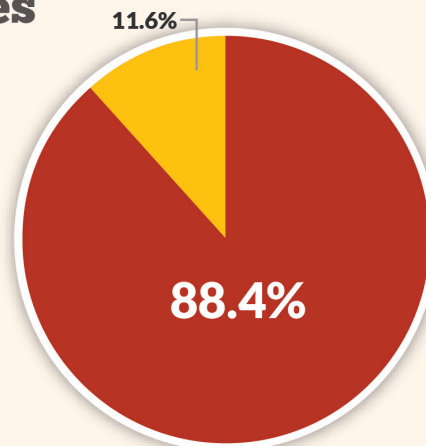
## DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2005

Active	2,172
Reserve	284

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**Total - Marines** **2,456**



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Theater Medical Data Store (TMDS) provided by the  
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Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2005, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	56
		Severe	27
		Moderate	246
		Mild	1,785
		Not Classifiable	58
	Reserve	Penetrating	6
		Severe	3
		Moderate	27
		Mild	221
		Not Classifiable	27

2005 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)